Abstract of the Invention

This invention relates to prospective electric energy sources to be employed in both mobile and stationery high-power electric stations. A method is disclosed for manufacturing a High Temperature Fuel Cell (HTFC), and the associated components, having a solid oxide electrolyte, and designed to transform chemical energy directly into electrical power. The disclosed method for manufacturing an HTFC and its components employs a narrow class of organic reagents which are well known, and widely used in the art. The manufacturing and assembly is performed within the framework of a single physical/ chemical process and uniform technological equipment.

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